## COUNTY OF SAN LUIS OBISPO APPLICATION FOR APPOINTMENT TO A BOARD, COMMISSION, OR COMMITTEE

Date: <u>January 13, 2007</u>
Applying For: Los Osos Wastewater Project Technical Advisory Committee
Name: Russell A. Westmann
Address:
Home Phone: Business Phone:
Fax Phone: E-mail Address:
Supervisorial District: Years resided in County:
Present Occupation/Employer: <u>Lecturer</u> Department of Civil Engineering, Cal Poly, San Luis Obispo
If retired, past Occupation/Employer:See_attached
Education: See attached
List any school courses, volunteer activities, special skills, training, certificates, licenses, or work experience that you feel relate to your qualifications. If you like, you may attach a separate sheet for this purpose or to state your qualifications.
Previous service on county or city advisory bodies or an elected office (names/dates).

Application for Membership on a Board, Commission, Committee Page Two

Membership in Organizations:
American Society of Civil Engineers
American Society of Civil Engineers  American Society of Mechanical Engineers
Please explain why you would like to serve (attach a separate sheet if necessary):
see attached
If appointed, are you willing to participate in the majority of meetings each year and, i necessary, in numerous related meetings or subcommittees?YESNO
Should you be appointed, are you willing, if necessary for that particular body, to file a statement of disclosure as a public official under the standards set forth by the Fair Political Practice Commission?YESNO
OFFICE USE ONLY
Date called/interviewed Recommended for appointment?YESNO
Appointee prefers not to have address or phone number published?YESNO Additional Comments:

## Russell A. Westmann, Ph.D., P.E.

#### **Education**

B.S. Civil Engineering (Highest Honors), January, 1959 M.S. Civil Engineering, June, 1960 Ph.D. Civil Engineering, January, 1962 All degrees from University of California, Berkeley

National Science Foundation Post-doctoral Fellowship in Mathematics, Glasgow University, Scotland, 1962-1963

#### **Employment**

Assistant Professor, Department of Civil Engineering, University of California, Berkeley, January-June 1962

Research Fellow, Assistant Professor, Departments of Civil Engineering, Aeronautical Engineering, 1963-1966

Professor, Department Chair, Associate Dean, Acting Dean, School of Engineering and Applies Science, University of California, Los Angeles, 1966-1991 (Retired 1991)

Lecturer, Department of Civil Engineering, California Polytechnic State University, San Luis Obispo, 2001- present

Consultant: Specialty area - failure analysis; over 25 years of experience with Failure Analysis Associates (now Exponent Inc.) and Westmann and Associates, Inc.

# **Technical Advisory Committee Application (Cont.)**

## Special Skills, Licenses, Relevant Experience

California Professional Engineering Licenses in Civil and Mechanical Engineering

CE: C 38934; ME: M 23329

Academic Administration in major academic units at UCLA:
Responsible for budget, academic development, research
programs, equipment acquisition, staff

Consultant to major corporations and public agencies in area of failure analysis; for example:

- 1. Technical leader retained by McDonnell-Douglas as lead fracture mechanics expert on DC10 airplane crash in Chicago, 1979
- 2. Technical leader: damage inspection of Exxon Valdez tanker after Alaska oil spill, 1990
- 3. Project leader: analysis of failure of one-mile long sewer outfall for San Diego waste water district, 1993

## Why I Would Like To Serve

In order to finance, design, build, and operate the proposed sewer collection and treatment facilities it is necessary to gain the support of the residents in the Los Osos prohibition zone. Such support can only be achieved if the residents believe a professional, thorough and credible evaluation of all relevant alternatives has been completed.

I believe I have the credentials, background and professional experience to help develop such an evaluation. Furthermore, as a taxpaying resident I have a personal interest in seeing that the best solution is found for this long standing problem.